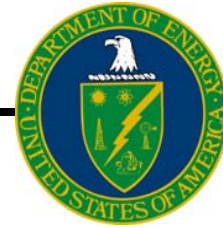


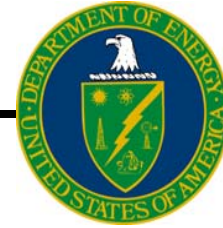
SRS SITE ENGINEERING & CONSTRUCTION

Michael Mikolanis
Director
Waste Disposition Engineering Division



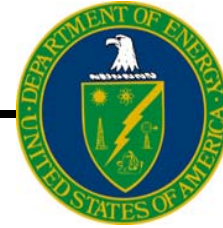
Mission

Provide Site Engineering, Construction, and Integration manager functions that are standard and customary services provided by an Architect-Engineer-Construction (AEC) firm in support of current or future site missions and projects while performing these activities in the most cost effective interest of the taxpayer.



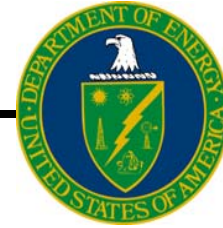
Background - Engineering

- Continuity, consistency, cost effectiveness, and standardization have been achieved across the Site.
- The E & C workforce supports this major nuclear industrial complex of 310 square miles.



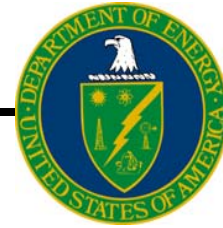
Background - Engineering

- Design Services function had 340 full time personnel and 52 subs during FY 2006 performing design and project controls activities.
- The Project Operations function had 70 full time personnel and 5 subs during FY 2006.



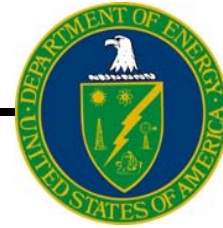
Background - Construction

- Construction Services has been a union shop since the start of SRS construction during the 1950s.
- The Construction function had 815 craft personnel plus 250 non-manual and 25 subs during FY 06 performing construction services work, project controls, QA/QC, procurement, and site testing.



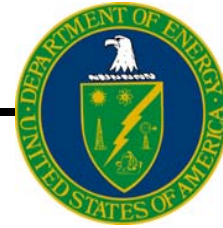
End State

- The staffing level shall satisfy the current, known future, and any unknown future emerging workloads of the site landlord and tenant units as well as any other contractual entities at SRS as mutually agreeable (i.e., Mixed Oxide, U.S. Forest Service, Wackenhut Services Inc., Salt Waste Processing Facility, etc.).



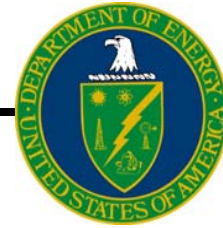
Assumptions

- All technical activities related to engineering, design, procurement, and construction services are integrated, managed, and executed in a safe, secure and cost effective manner.
- Site-level engineering and construction program, including standards is established and maintained.
- All customer/engineering/construction interfaces and requirements are properly reflected in designs.



Assumptions (continued)

- All architect-engineer-construction-construction management services provided or procured shall satisfy the appropriate South Carolina Code of Laws Title 40 requirements (i.e., Chapter 3, Chapter 10 or Chapter 22).
- Fixed price, performance based contracting vehicles are expected to be used to the extent possible for services.
- Engineering automation function that includes capabilities for maintenance of existing SRS computer based engineering, design, project control, and construction software and related systems is maintained.



Challenges

- Integrating both E and C activities
- Maintaining an effective construction safety program
- Strained local area technical labor market
- Funding constraints
- Current E & C workforce is approaching retirement age
- Aging construction facilities and equipment
- Staffing E and C functions at the valley level while managing the daily needs to the peak requirements